SI
ME - 1, Payette.

WORKING PLAN

for

Season, 1914.

Western Yellow Pine Volume, Growth and Yield.	Object: To secure growth, volume and yield data as a basis for management of Idaho yellow pine.

Work along the line of this project was begun in 1909 before the project was formally framed up. The early work was mainly securing volume data for a volume table much needed in estimating . On account of the very limited cuttings in the type but little data could be accumulated in any one year. The very limited and interrupted cuttings made it impossible to secure sufficient data for a volume table in a year which would have been done had there been sufficient cuttings.

In 1912 an extensive cutting in yellow pine on the Boise Forest offered an opportunity to secure measurements. The work was therefore concentrated there and enough additional data secured to prepare a preliminary volume table which is based on 1,193 trees, fairly representative.

Sufficient diameter growth data has been obtained to make preliminary tables. The volume growth data is still in-

sufficient.

in 1912 one twenty acre plot was laid out on Poorman Creek, Payette Forest for yield work.

Since the plot work has been eliminated from this project, the work for 1914 will consist of securing additional growth and volume data, chiefly the latter. Two hundred additional stump counts should be made, at least one-half of which should be decade counts and measurements. One hundred complete stem analyses should be made giving decade measurements for each section.

The volume work will require at least 800 trees additional. This data may be secured if the yellow pine cutting on the Payette continues. Where the cutting proceeds slowly the measurements can be obtained most economically by having the man in charge of them assist in the necessary routine work of sale. But if the rate of cutting affords the trees one man should give his whole time to the volume and it is very advisable to have two work together.

For details in taking and recording this data book form 334 "Tree Measurements" should be referred to and used.

Should the cutting in yellow pine stop it will not be possible to obtain the additional volume data or the volume growth data; the stump counts may, however, be secured.

Date of Completion.

December 31, 1914.

Estimated Cost.

Calendar Year, 1914.----------$400.00